

HISTORIC AMERICAN ENGINEERING RECORD

MASTER PROJECT RECORD

HAER MO-1

HAER  
MO  
24-LAWS.V  
1-

Watkins (Woolen) Mill

4 miles Southwest of Lawson, 6 miles North of  
Excelsior Springs on County Highway MM

Lawson Vicinity  
Clay County  
Missouri

Photographs #1 through #4 depict second floor, East side

- MO-1-1 Jet Lowe, Photographer, June 1978.  
DUSTER/WILLOWER, A. JENKS, BRIDESBURG [PENNSYLVANIA],  
C. 1850.
- MO-1-2 Jet Lowe, Photographer, June 1978.  
PICKER ROOM.
- MO-1-3 Jet Lowe, Photographer, June 1978.  
PICKER, A. JENKS AND SON, C. 1865, FEED DRIVE.
- MO-1-4 Jet Lowe, Photographer, June 1978.  
PICKER DETAIL, A. JENKS AND SON, C. 1865, FEED DRIVE.

Photographs #5 through #22 depict third floor, South side

- MO-1-5 Jet Lowe, Photographer, June 1978.  
VIEW LOOKING FROM THE SOUTHWEST; CARDING AND SPINNING.
- MO-1-6 Jet Lowe, Photographer, June 1978.  
VIEW LOOKING FROM THE SOUTHWEST; CARDS.
- MO-1-7 Jet Lowe, Photographer, June 1978.  
VIEW LOOKING SOUTHWEST; CARD, A. JENKS & SON, ROLL-  
DRUM AND SHELL DELIVERY, C. 1865.
- MO-1-8 Jet Lowe, Photographer, June 1978.  
CARD, APPARENTLY A. JENKS & SON. LAP DELIVERY, C. 1865.
- MO-1-9 Jet Lowe, Photographer, June 1978.  
CARD, A. JENKS & SON, FEED, WITH BURR CYLINDER AND  
BURR PAN, C. 1865.

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Watkins (Woolen) Mill - continued

- MO-1-10 Jet Lowe, Photographer, June 1978.  
FIRST BREAKER PRODUCTION CARD, A. JENKS & SON, WITH  
DRIVE BELT FROM FLOOR BELOW, C. 1865.
- MO-1-11 Jet Lowe, Photographer, June 1978.  
SCALE FOR WEIGHING WOOL AT FEED APRON OF A FIRST  
BREAKER CARD.
- MO-1-12 Jet Lowe, Photographer, June 1978.  
SAME AS #10, FROM DELIVERY END, SHOWING COMB MECH-  
ANISM (FORE) AND BALLING ATTACHMENT (LEFT).
- MO-1-13 Jet Lowe, Photographer, June 1978.  
FRONT VIEW OF BALLER.
- MO-1-14 Jet Lowe, Photographer, June 1978.  
OVERVIEW OF BALLER.
- MO-1-15 Jet Lowe, Photographer, June 1978.  
WOODEN CREEL FOR BOBBINS FROM BALLER; AT FEED END OF  
FINISHER CARD.
- MO-1-16 Jet Lowe, Photographer, June 1978.  
WOOD AND IRON CREEL FEEDING SECOND BREAKER CARD.
- MO-1-17 Jet Lowe, Photographer, June 1978.  
FIVE-ROLL RUB DELIVERY ON A. JENKS & SON FINISHER CARD;  
THE DELIVERY IS CONSISTENT WITH MANUFACTURE C. 1845-  
1855; FROM RIGHT FRONT OF OSCILLATING MECHANISM.
- MO-1-18 Jet Lowe, Photographer, 1978.  
SAME AS #17, BUT FROM LEFT FRONT OF DRIVE.
- MO-1-19 Jet Lowe, Photographer, 1978.  
SEVEN-ROLL RUB, ON FINISHER OF FINISHER CARD APPAR-  
ENTLY BY A. JENKS & SON; VIEW FROM RIGHT FRONT OF DRIVE.
- MO-1-20 Jet Lowe, Photographer, 1978.  
SAME AS #19 BUT LEFT FRONT; OSCILLATING MECHANISM.

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Watkins (Woolen) Mill - continued

- MO-1-21 Jet Lowe, Photographer, June 1978.  
SPIDERS OF MAIN CYLINDER, AND LAG CONSTRUCTION OF  
CYLINDER.
- MO-1-22 Jet Lowe, Photographer, June 1978.  
TRAVERSE GRINDER FOR GRINDING CARD CYLINDERS, A. JENKS  
& SON, C. 1860.
- MO-1-23 Jet Lowe, Photographer, June 1978.  
ATTIC, VIEW LOOKING FROM THE WEST, WITH REMAINS OF  
JACK; TENTER FRAME ON FAR SIDE.
- Photographs #24 through #30 depict third floor, North side
- MO-1-24 Jet Lowe, Photographer, June 1978.  
FOUR JACKS, VIEW LOOKING FROM THE EAST.
- MO-1-25 Jet Lowe, Photographer, June 1978.  
JACKS, VIEW LOOKING FROM THE NORTH EAST, JENKS FORE-  
GROUND, FURBUSH AND GAGE BEYOND.
- MO-1-26 Jet Lowe, Photographer, June 1978.  
HEADSTOCK OF JENKS JACK, C. 1860; VIEW LOOKING FROM  
TOP REAR.
- MO-1-27 Jet Lowe, Photographer, June 1978.  
SAME AS #26, BUT VIEW LOOKING FROM BOTTOM REAR.
- MO-1-28 Jet Lowe, Photographer, June 1978.  
HEADSTOCK OF FURBUSH AND GAGE JACK, C. 1870, DRIVES  
ENGAGED; VIEW LOOKING FROM TOP REAR.
- MO-1-29 Jet Lowe, Photographer, June 1978.  
SAME AS #28, BUT DRIVES DISENGAGED.
- MO-1-30 Jet Lowe, Photographer, June 1978.  
ENDFRAME FROM ABOVE JACK.
- MO-1-31 Jet Lowe, Photographer, June 1978.  
TWISTER, A. JENKS & SON, C. 1860, SECOND FLOOR WEST.

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Watkins (Woolen) Mill - continued

- MO-1-32 Jet Lowe, Photographer, June 1978.  
VIEW LOOKING FROM THE NORTHWEST, ABOVE TWISTER FORE-  
GROUND, SECOND FLOOR.
- MO-1-33 Jet Lowe, Photographer, June 1978.  
BRIDESBURG MANUFACTURING COMPANY TWISTER, C. 1875,  
SECOND FLOOR NORTHWEST.
- MO-1-34 Jet Lowe, Photographer, June 1978.  
SKEINER, MAKER UNKNOWN, SECOND FLOOR WEST.
- MO-1-35 Jet Lowe, Photographer, June 1978.  
SKEIN TWISTER (ON POST), RATCHET (FOREGROUND) FOR  
SKEIN BALER, SECOND FLOOR CENTER.
- MO-1-36 Jet Lowe, Photographer, June 1978.  
POWERED SKEIN TWISTER, J.F. McAFEE PATENT, FEB. 6,  
1883, SECOND FLOOR.
- MO-1-37 Jet Lowe, Photographer, June 1978.  
SKEIN BALER, WOOL BAG, SECOND FLOOR CENTER.
- MO-1-38 Jet Lowe, Photographer, June 1978.  
QUILLER, A. JENKS, C. 1850, ATTIC.
- MO-1-39 Jet Lowe, Photographer, June 1978.  
DETAIL OF CAM ON #38; TENTERHOOKS IN REAR.
- MO-1-40 Jet Lowe, Photographer, June 1978.  
SPOOL STAND AND CREEL; PLATES FROM CLOTHPRESS (FORE-  
GROUND); ATTIC.
- MO-1-41 Jet Lowe, Photographer, June 1978.  
WARPING MILL, SECOND FLOOR FROM WEST.
- MO-1-42 Jet Lowe, Photographer, June 1978.  
A. JENKS AND SON PLAIN LOOM, PATTERN DEVICE, 1847 PATENT,  
C. 1860, SECOND FLOOR NORTH.
- MO-1-43 Jet Lowe, Photographer, June 1978.  
ABOVE, VIEW LOOKING FROM THE FRONT.

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Watkins (Woolen) Mill - continued

- MO-1-44      Jet Lowe, Photographer, June 1978.  
PATTERN DEVICE FROM JENKS LOOM, SECOND FLOOR EAST.
- MO-1-45      Jet Lowe, Photographer, June 1978.  
ALFRED JENKS BROADLOOMS, C. 1850, SECOND FLOOR NORTH-  
EAST.
- MO-1-46      Jet Lowe, Photographer, June 1978.  
WEAVEROOM, SECOND FLOOR, VIEW LOOKING FROM THE NORTH-  
EAST.
- MO-1-47      Jet Lowe, Photographer, June 1978.  
STAFFORD LOOM, WITH R. W. ANDREWS PATENT PATTERN DEVICE,  
C. 1870, VIEW LOOKING FROM THE FRONT, SECOND FLOOR  
SOUTH.
- MO-1-48      Jet Lowe, Photographer, June 1978.  
SAME AS #47, VIEW LOOKING FROM THE FRONT RIGHT.
- MO-1-49      Jet Lowe, Photographer, June 1978.  
FURBUSH AND GAGE FANCY LOOM, 1863+, FRONTAL VIEW,  
SECOND FLOOR SOUTH.
- MO-1-50      Jet Lowe, Photographer, June 1978.  
FURBUSH AND GAGE FANCY LOOM HEAD MOTION, C. 1863,  
SECOND FLOOR SOUTH.
- MO-1-51      Jet Lowe, Photographer, June 1978.  
FURBUSH AND GAGE BOX MOTION, 1859 PATENT, SECOND FLOOR  
SOUTH.
- MO-1-52      Jet Lowe, Photographer, June 1978.  
FURBUSH AND GAGE FANCY LOOM HEAD MOTION, 1863 PATENT,  
DETAIL OF #49.

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Watkins (Woolen) Mill - continued

- MO-1-53 Jet Lowe, Photographer, June 1978.  
M.A. FURBUSH & SON BROADLOOM WITH 1868 BOX MOTION,  
C. 1870, SECOND FLOOR NORTH.
- MO-1-54 Jet Lowe, Photographer, June 1978.  
PATTERN DEVICE, VIEW LOOKING FROM ABOVE.
- MO-1-55 Jet Lowe, Photographer, June 1978.  
LEFT TO RIGHT: MAIN DRIVE PULLEY, SKEIN DYER, CLOTH  
DYER AND WASHER, FULLING HAMMER; FIRST FLOOR, SOUTH-  
EAST CORNER.
- MO-1-56 Jet Lowe, Photographer, June 1978.  
INSPECTING TABLE (?), WORKSHOP, FULLING MILL; FIRST FLOOR,  
SOUTH SIDE.
- MO-1-57 Jet Lowe, Photographer, June 1978.  
FULLING MILL, FRONT VIEW, FIRST FLOOR.
- MO-1-58 Jet Lowe, Photographer, June 1978.  
CHEMICALS AND DYES ON WORKTABLE IN FINISHING AREA,  
FIRST FLOOR EAST.
- MO-1-59 Jet Lowe, Photographer, June 1978.  
BROADRUP AND COMPANY CLOTH STRETCHER, FIRST FLOOR  
FINISHING ROOM, NORTHWEST.
- MO-1-60 Jet Lowe, Photographer, June 1978.  
UP AND DOWN TEASEL GIG, C. 1870, WITH CLOTHPRESS BEYOND,  
FIRST FLOOR FINISHING ROOM.
- MO-1-61 Jet Lowe, Photographer, June 1978.  
UP AND DOWN TEASEL GIG, CLOSE-UP.
- MO-1-62 Jet Lowe, Photographer, June 1978.  
DETAIL OF WALLOWER TO OSCILLATE DRUM ON TEASEL GIG.
- MO-1-63 Jet Lowe, Photographer, June 1978.  
TENTER FRAME, ATTIC, WITH A LAGGED SECTION OF CARD  
MAIN CYLINDER ON FLOOR BESIDE DISUSED JACK CARRIAGE;  
VIEW LOOKING FROM THE SOUTHWEST.

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Watkins (Woolen) Mill - continued

- MO-1-64 Jet Lowe, Photographer, June 1978.  
CLOTH BRUSH (LEFT) AND SPOOL STAND (RIGHT), ATTIC.
- MO-1-65 Jet Lowe, Photographer, June 1978.  
ROTARY SHEAR, FROM FRONT RIGHT; FIRST FLOOR FINISHING  
ROOM.
- MO-1-66 Jet Lowe, Photographer, June 1978.  
SAME AS ABOVE, VIEW LOOKING FROM FRONT LEFT.
- MO-1-67 Jet Lowe, Photographer, June 1978.  
STRETCHING FRAME, FIRST FLOOR.
- MO-1-68 Jet Lowe, Photographer, June 1978.  
WORKBENCH AND FULLING MILL, FIRST FLOOR, VIEW LOOKING FROM  
SOUTHEAST.
- MO-1-69 Jet Lowe, Photographer, June 1978.  
WORKBENCH WITH WOOD LATHE, BLACKSMITH'S DRILL AND  
VICE; FIRST FLOOR SOUTH.
- MO-1-70 Jet Lowe, Photographer, June 1978.  
STEAM ENGINE AND BOILER, "WASHINGTON FOUNDRY, ST.  
LOUIS, MO.", ON CONDENSER; IN SHED AT EAST END OF MILL.
- MO-1-71 Jet Lowe, Photographer, June 1978.  
STEAM ENGINE, END VIEW.
- MO-1-72 Jet Lowe, Photographer, June 1978.  
"GARNER'S PERFECTED GOVERNOR," ON STEAM ENGINE.
- MO-1-73 Jet Lowe, Photographer, June 1978.  
BOILER, MISSISSIPPI RIVER TYPE, AT EAST END OF MILL.
- MO-1-74 Jet Lowe, Photographer, June 1978.  
WATER PUMP, BELT-DRIVEN FROM STEAM ENGINE, IN SHED  
AT EAST END OF MILL.
- MO-1-75 Jet Lowe, Photographer, June 1978.  
WATKINS MILL, VIEW FROM THE NORTHWEST.

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Watkins (Woolen) Mill - continued

- MO-1-76 Jet Lowe, Photographer, June 1978.  
WATKINS MILL, VIEW LOOKING FROM NORTH.
- MO-1-77 Jet Lowe, Photographer, June 1978.  
WATKINS MILL, VIEW FROM THE EAST LOOKING ACROSS  
MILLPOND.
- MO-1-78 Jet Lowe, Photographer, June 1978.  
MILL STORE, NORTHWEST CORNER, FIRST FLOOR, FROM  
NORTHWEST.
- MO-1-79 Jet Lowe, Photographer, June 1978.  
GRAIN MILL, NORTH SIDE OF FIRST FLOOR, VIEW FROM  
THE WEST.
- MO-1-80 Jet Lowe, Photographer, June 1978.  
BELT SHIFTER AND TENSIONER, TO DRIVE GRIST MILL,  
VIEW FROM THE SOUTH.
- MO-1-81 Jet Lowe, Photographer, June 1978.  
GRAIN MILL, VIEW LOOKING FROM THE SOUTHWEST.
- MO-1-82 Jet Lowe, Photographer, June 1978.  
BOLTER, COUTH SIDE OF GRAIN MILL, VIEW LOOKING FROM  
THE NORTH.
- MO-1-83 Jet Lowe, Photographer, June 1978.  
WALTUS WATKINS HOUSE, 1850-1854, VIEW FROM THE EAST.
- MO-1-84 Jet Lowe, Photographer, June 1978.  
SAME AS ABOVE, VIEW FROM THE WEST.
- MO-1-85 Jet Lowe, Photographer, June 1978.  
SAME AS ABOVE, VIEW FROM THE SOUTHWEST.
- MO-1-86 Jet Lowe, Photographer, June 1978.  
OCTAGONAL SCHOOL BUILT IN 1856.
- MO-1-87 Jet Lowe, Photographer, June 1978.  
CHURCH, BUILT 1871-1876.

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Watkins (Woolen) Mill - continued

- MO-1-88      Photocopied August 1978 by the Harry S. Truman Library, Independence, Missouri, from the original belonging to the Watkins Mill Historic Site.  
HANDBILL WRITTEN BY WALTHUS L. WATKINS, ADVERTISING THE OPENING OF HIS MILL. DATED: MAY 8TH, 1861.
- MO-1-89      Photocopied August 1978 by the Harry S. Truman Library, Independence, Missouri, from the original belonging to the Watkins Mill Historic Site.  
WALTHUS L. WATKINS.
- MO-1-90      Photocopied August 1978 by the Harry S. Truman Library, Independence, Missouri, from the original belonging to Jackson County Historical Society.  
WATKINS MILL AS IT APPEARED C. 1876.
- MO-1-91      Photocopied August 1978 by the Harry S. Truman Library, Independence, Missouri, from the original belonging to the Watkins Mill Historic Site.  
JOHN WATKINS, SECOND ELDEST SON AND EVENTUAL PARTNER WITH WALTHUS L. WATKINS.
- MO-1-92      Photocopied August 1978 by the Harry S. Truman Library, Independence, Missouri, from the original belonging to the Jackson County Historical Society.  
HANDBILL ADVERTISING SERVICES OFFERED BY "W. L. WATKINS & SON." DATED: OCT. 1, 1881.
- MO-1-93      Photocopied August 1978 by the Harry S. Truman Library, Independence, Missouri, from the original belonging to the Watkins Mill Historic Site.  
WATKINS MILL AS IT APPEARED C. 1910.
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- MO-1-94      Jet Lowe, Photographer, June 1978.  
ALFRED JENKS & SON PACKING CRATE, RIM OF MAIN DRIVE PULLEY IN MILL.

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

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ADDENDUM TO  
WATKINS MILL  
County Highway MM  
Lawson Vicinity  
Clay County  
Missouri

HAER No. MO-1

MO-1-1 through MO-1-94 were previously transmitted to the Library of Congress.

INDEX TO COLOR TRANSPARENCIES

All color xeroxes were made from a duplicate color transparency.

Jet Lowe, Photographer, June 1978

MO-1-95 (CT)	FULLING MACHINE DETAIL
MO-1-96 (CT)	FULLING MILL, FRONT VIEW, FIRST FLOOR
MO-1-97 (CT)	JENKS JACK DETAIL
MO-1-98 (CT)	CARDING MACHINE DETAIL
MO-1-99 (CT)	WORK TOOLS
MO-1-100 (CT)	WATKINS MILL, MILL BUILDING FROM SOUTH
MO-1-101 (CT)	WATKINS MILL, MILL BUILDING FROM WEST
MO-1-102 (CT)	WATKINS MILL, VIEW FROM THE EAST LOOKING ACROSS MILLPOND
MO-1-103 (CT)	OCTAGONAL SCHOOL BUILT IN 1856